Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_

Lewis Dot Diagram Practice Problems

**Draw the Lewis Dot Diagrams for the Following Compounds. They all require SINGLE bonds.**

|  |  |
| --- | --- |
| H2O  Total valence electrons: \_\_\_\_\_\_\_\_ | CCl4  Total valence electrons: \_\_\_\_\_\_\_\_ |
| NH3  Total valence electrons: \_\_\_\_\_\_\_\_ | PCl3  Total valence electrons: \_\_\_\_\_\_\_\_ |
| CH4  Total valence electrons: \_\_\_\_\_\_\_\_ | BH3  Total valence electrons: \_\_\_\_\_\_\_\_ |
| H2S  Total valence electrons: \_\_\_\_\_\_\_\_ | NH2Cl  Total valence electrons: \_\_\_\_\_\_\_\_ |
| SiH4  Total valence electrons: \_\_\_\_\_\_\_\_ | PH2Br  Total valence electrons: \_\_\_\_\_\_\_\_ |

|  |  |
| --- | --- |
| O2 | CO2 |
| C2H4 | HCN |
| C2H2 | N2 |
|  |  |
|  |  |
|  |  |